

Welcome to the Library!

Library, Museums & Galleries staff are pleased to use this issue of *BITs* to update you on what is happening, particularly in the Library. As usual we have much to tell you about new resources and new services. Underpinning all developments is the **strategy** we have developed, within the context of the University's new Knowledge Management strategy.

More and more resources are now being received in **electronic form**, some solely, others also in print (surprisingly, it is sometimes cheaper to buy both). Electronic resources can be used from your desktop, and within e-learning courses. As always, we are working on ways of ensuring that it is easier to find and use electronic resources. All ejournal titles are now available in the Catalogue, and we will continue to use *BITs* to announce further developments about locating resources as they become available.

The **costs** of all resources continue to rise well beyond the rate of inflation. The Library is addressing this in a number of ways. We are reviewing the ways in which we purchase content. We are negotiating with publishers on a number of fronts: at the moment, for example, we are often forced by publishers to buy packages of information which include resources we don't need, and we will review this. At the same time, we would encourage you to help us address the issue of high inflation by:

- publishing material in **Open Access journals** (see page 3);
- submitting your articles to the **Edinburgh Research Archive** (see page 3);
- **talking to us** about the issues.

By doing this, you will help us ensure that publishers do not have such a grip on our budgets.

Of course, the Library, Museums and Galleries are not just about text—we curate the University's Museum and Gallery **collections** and we support the University's distributed collections of objects. We make numerous digital images available, and we have recently mounted an online version of the *Object Lessons* exhibition at <http://www.objectlessons.lib.ed.ac.uk/>

Library staff are developing new services to help you and your students use library resources more effectively, and some of these, such as the **laptop loan service** and new facilities in the Library Catalogue, are reported here.

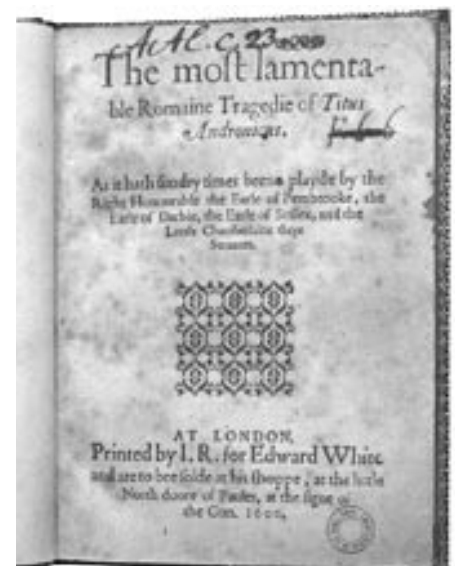
There has been recent discussion in the press about how libraries are less well used than they used to be, but Edinburgh University Library continues to be **very well used**. On average, every hour the Library is open during term, 535 users enter one of the sites, and every hour in the year about 285 users use resources in *Library Online*. Part of the Main Library is currently open until midnight for pre-exam study, and is being heavily used.

We hope that within the pages of this issue of *BITs*, you and your students will find even more reason to make use of the University Library, Museums and Galleries. We are always pleased to have **feedback** on our services: please contact me or the College Librarians if you have ideas about how we can improve services across the Library, Museums & Galleries—or use the feedback form at <http://www.lib.ed.ac.uk/contact.shtml>

Sheila Cannell (Director of Library Services)

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The Library is working with other major libraries to digitise important resources such as the Shakespeare Quartos: see page 2.

Collections

Digitising Shakespeare

Special Collections is currently working with the Californian digital imaging and publishing company Octavo to digitise the Library's world class collection of Shakespeare quartos. Around thirty books will be scanned to a high specification—one 180 Mb image per opening—to create high-quality digital surrogates of these important texts. Amongst the first items scanned was *Titus Andronicus* (1600), one of only two known copies in this edition. We are in good company with the project, since the British Library, the Folger Shakespeare Library, the Bodleian Library and the National Library of Scotland are all partners. When completed, 70% of the surviving quarto texts will be available as digital resources. The Octavo team will be working in the Digital Imaging Unit of the Main Library until late June.

Information on Octavo is available at <http://www.octavo.com/>

Andy Grout (EUL)

Case Notes Conservation

In the last five years, Lothian Health Services Archive (LHSA)—based in the Special Collections Department—has made great advances in the conservation of the records under its care. This was partly due to the carrying out of two National Preservation Office preservation assessment surveys, which provided a picture of the relative condition of the archive. The surveys provided a platform for external funding applications, principally to the Wellcome Trust for two Research Resources in Medical History (RRMH) grants. The most recent of these has just got under way. One key aspect of the projects is the use of digital photography to record the progress of the conservation work, showing the items before, during and after the treatment. Mike Barfoot, LHSA Archivist, and Ruth Honeybone, Paper Conservator, will have an article published in the NPO journal which describes the project work in more detail.

Further information is available at:

<http://www.lhsa.lib.ed.ac.uk/projects/rrmh/rrmhbd.html>

<http://www.lhsa.lib.ed.ac.uk/projects/rrmh2/rrmhld.html>

John Scally (EUL), Mike Barfoot (EUL)

Treasures at the British Library



with the gracious help and permission of the British Library

The British Library has launched a service called 'Turning the Pages', which enables visitors to flip through the (virtual) pages of Leonardo da Vinci's notebooks, the Lindisfarne Gospels, Sultan Baybars' Qur'an and several other amazing treasures.

'Turning the Pages' is at <http://www.bl.uk/collections/treasures/digitisation3.html>

Sheila Noble (EUL)

Edinburgh—world city of literature?

The University Library is represented on the committee which is asking UNESCO to recognise a new cultural category—World Cities of Literature—and to make Edinburgh the first of them.

This initiative was launched at last Summer's Edinburgh Book Festival, the dossier will be presented to UNESCO in October, and the outcome should be known about a year later.

The argument is not that Edinburgh is the most important literary place in the world, but that—along with London, Oxford, Dublin, Paris, New York and others—it is part of a global cultural heritage which deserves specific recognition.

Edinburgh's claim rests not only on the writers it has nurtured and inspired, but also on its dramatic atmosphere, its publishing enterprises, its Book Festival, its literary institutions, and perhaps above all, the above-average interest in the written word displayed by the local populace.

The University has been involved in all the work to date, represented by Sheila Cannell, Director of Library Services, and—appropriately, coming as he does from the oldest department of English Literature in the world—Prof. Ian Campbell.

If the outcome is successful, the city's literary life should be stimulated even further. A planned statue of poet Robert Fergusson in the Canongate will help to identify the new literary quarter which is developing in the city.

We welcome any comments on ways in which the University might contribute to this project.

Ian Campbell (English Literature)

Sheila Cannell (EUL)

Beginning of an ERA

Edinburgh University Library has launched the Edinburgh Research Archive (ERA) service, at <http://www.era.lib.ed.ac.uk/>

ERA is a digital repository of University of Edinburgh research output, including articles and electronic theses. Academic authors who wish to deposit their papers in ERA can sign up to receive an account on the system which will enable them to do this. PhD students whose theses exist in electronic format can deposit these in the system once their thesis has been passed for the award of the degree. In this way, ERA will gradually build into a repository which acts as a record of the University's major research output, and is searchable by other researchers across the globe. ERA is organised into 'Communities' (which map on to Schools) and 'Collections' within them. Separate sections are provided for theses and for articles in each Collection.

ERA has been developed using open source software to create an open-access repository. This means that its contents are freely available on the Internet, and can be 'harvested' by other search services and search engines, so that items are easily retrieved. This gives maximum exposure to the output of researchers whose work is deposited.

Authors of research articles can deposit their papers in the archive either prior to publication in a peer-reviewed journal, or after publication, provided that they are able to retain copyright permission. Permission is granted by many more publishers than authors often imagine. The ERA website links to a database of publishers' policies, which will help authors to find out if they have the right to place a copy of their article in the repository (the database itself is at <http://www.sherpa.ac.uk/romeo/>).

Tracking down PhDs has been a cumbersome task for researchers for decades. Most PhD theses are now 'born digital', and EUL received JISC funding to develop a system for the management of electronic theses in the UK—which has now been incorporated into ERA. The University's Senatus Postgraduate Studies Committee is seeking to introduce mandatory print and electronic submission of PhD theses in the future. In the meantime, students completing PhDs are strongly encouraged to deposit an electronic copy in ERA on a voluntary basis. As an incentive for doing this, the Library will only want one hardbound printed copy of the thesis rather than the two required hitherto—and will itself arrange to have that copy printed and bound from the electronic master in the repository.



James Miranda Barry

In providing the ERA service, the Library wishes to offer Colleges a managed central repository for research output which will extend into the future, and also reach back to include selected research material from the past, where rights permit. To illustrate this, theses from two

prominent 19th century alumni have been digitised and are available to prove the value of the service as a record of Edinburgh research.

Many universities around the world now provide similar facilities, though few in the UK to date. The system used by the Library provides for persistence—the research materials are guaranteed to be findable into the future—and will ultimately combine with a digital preservation service to ensure the long term availability of the contents.

For further information on any aspect of ERA, please contact Dr Theo Andrew, Project Officer (tel 511612, email theo.andrew@ed.ac.uk).

John MacColl (EUL)



Arthur Conan Doyle

Open Access Journals

Developments in electronic publishing and the delivery of full-text content via the Internet raised expectations that the costs of journal subscriptions would fall. This has not yet happened—subscription costs continue to rise at a rate of 8–10% per year, and the process of journal purchasing has become more complex as publishers experiment with a range of subscription models. This hampers the free flow of scholarly communication, so various initiatives are working towards creating alternative, cheaper means of delivering content—and we encourage you to participate!

The Edinburgh Research Archive is one of these initiatives, along with a growing range of free open-access journals and low-cost electronic journals in which you may publish. Some examples of these are:

- Public Library of Science: <http://www.plos.org/>
The University of Edinburgh was the first UK institution to join PLoS, a non-profit organisation based in the US, which currently publishes *PLoS Biology*. *PLoS Medicine* will appear later in 2004, with further titles promised thereafter.
- Biomed Central: <http://www.biomedcentral.com/>
For access to peer-reviewed biomedical research.

- SPARC:
<http://www.arl.org/sparc/>
SPARC plays an important advocacy role, influencing the changes in the scholarly publication process. The SPARC Alternative Program encourages new publishing partnerships to provide cheaper alternatives to established titles.
- Highwire Press:
<http://highwire.stanford.edu/>
This hosts content for a range of scientific publishers, and has a growing archive of open-access content.
- Directory of Open Access Journals:
<http://www.doaj.org/>
The Directory is an invaluable source of information, providing details of “free, full-text, quality-controlled scientific and scholarly journals.”

Edinburgh University Library is committed to supporting such initiatives. Please let us know of resources which you think we should be promoting.

Liz G. Stevenson (EUL)

Late night opening

Parts of the Main Library are currently staying open until **midnight** for exam study. The upper floors are closed at the normal times, leaving the Current Journals Room, the Ground Floor Concourse and the EUSA Cafeteria open for exam study. These arrangements will continue seven days a week until 17th June.

The few lab computers on the first and ground floors will remain operational, but most students wishing lab computing facilities during these hours will have to go to the Greenfield Suite. No Library staff or services will be available in the ‘extra’ times.

David Easton (EUL)

Library Catalogue interface and *Library Online*: recent enhancements

While the Library continues to work collaboratively to develop new initiatives such as the Collections Gateway, existing services have to be maintained and developed. In this context, the Online Public Access Catalogue (OPAC) and *Library Online* continue to be enhanced.

Following a recent survey conducted via the Catalogue front page and other consultations with users, we are pleased to be able to report the following innovations:

1. The ability to save searches, complementing the existing Bookbag facility for registered users. This was the enhancement requested most in our survey. Others are still being investigated.
2. A new ‘Quick Limit’ for e-journals which greatly simplifies finding electronic journal titles in the Catalogue and which becomes the preferred approach to the A–Z title listing in *Library Online*. The latter is currently under review; we intend to generate any future lists on *Library Online* from Catalogue data.
3. Blackwells affiliation. EUL has affiliated with Blackwells Online Bookshop, following formal approval, so it is now possible to search this directly from *Library Online*. Users who cannot find an item in the Catalogue are now directed—via online Search Help—to several other sources and services, including our own Book Recommendation Forms for staff and students, interlibrary loans, and updated booksellers information featuring Blackwells.

Catalogue front page (bearing news): <http://catalogue.lib.ed.ac.uk/>

Blackwells Online link: <http://www.lib.ed.ac.uk/services/blackwells.html>



Steve Scott (EUL)

Erskine Medical Library moving to Main Library

The Erskine Medical Library will close at 5pm on Friday 25th June, and the collection and services will be transferred to the Main Library thereafter.

The Reserve Collection should be available from the following Monday, 28th June, with the full collection on the Main Library shelves by Monday 5th July. During the move, Library staff will endeavour to fulfil urgent requests, but some delays in access to material should be expected.

Extensive building work will then be carried out in the old EML to convert the lower ground floor to a 24-hour open-access computing lab, with 63 PCs available by September and a further 140 in October, access being controlled by swipe card. The Learning Technology Section and Medical Illustration will move into the ground floor, to be joined next year by the Greenfield Suite, and the first floor will receive the interdisciplinary groups in Membrane Biology and in Neural Control Systems, parts of the Centre for Integrative Physiology.

Irene McGowan (EUL)

Laptop Loan Service

The University Library and EUCS are presently piloting a student Laptop Loan Service to enhance the provision of computing facilities within the Libraries of the University.

Since 12th April, students in the Main Library, George Square, have been able to borrow laptop computers for use within the Library building for up to three hours a day. These laptops incorporate the latest technologies, including wireless.

The Main Library is one of many buildings in the University that have multiple wireless access points, giving students more flexible study

New guide for academic staff in *Library Online*

A new guide for academic staff has been developed by the Liaison Librarians in the three Colleges, and includes information on:

- How to gain access to electronic resources
- Procedures for ordering books and journals
- Use of inter-library loans
- Availability of other local Library resources
- Information skills training
- How the Library can support your research needs

The guide is at <http://www.lib.ed.ac.uk/about/staffguide.shtml>

Richard Battersby (EUL)

options without being tied to the 'fixed' open-access lab PCs.

Before borrowing, students must register for the wireless and VPN services, and complete a Laptop Loan Agreement. These are once-only processes which can be done on the Web. Thereafter booking is online. Laptops are collected from the Main Library Service Desk on production of a University ID card. The loan periods are currently fixed at 10AM to 1PM and 3PM to 6PM, and the laptops must only be used within the Main Library building. The time between loans is used to refresh and recharge the systems.

The laptops use the same EUCS Managed Desktop as students see in the labs. Support is available from the Undergraduate Helpdesk in the Learning and Resource Centre on the second floor.

The initial takeup of the service has been slow, and encouragement of students to use the scheme would be welcome. We will be monitoring the service closely during the pilot



phase, and will take account of any feedback we receive—either through the website, or on a feedback form (available near the front door of the Main Library).

For more information, please check the Laptop Loan Service home pages at http://www.lib.ed.ac.uk/services/laptop_loans.html

Graham Newton (EUCS)

Pam Clouston (EUL)

Current journal display review

The Library is reviewing how the current issues of paper journals are displayed and shelved. We are particularly interested in whether and how this service contributes to high quality research and teaching in the University. Four options are being considered for managing current issues: retaining the present service of displaying all current print issues; limiting the display to journals in those subjects where articles tend to be longer; storing the current issues with the bound back runs; and displaying those journals where only print versions are available.

Consultation is now taking place through College Library Committees. In addition, comments may be sent to J.Upton@ed.ac.uk. The background paper is at <http://www.lib.ed.ac.uk/about/libcomm/>

Jeremy Upton (EUL)

Metadata and Edinburgh University Library

What is metadata?

“Metadata” is a buzzword in the Internet age, and lends an air of mystique to digital projects. The oft-quoted definition “data about data” explains very little, adding to the belief that this is something only for the initiated.

Metadata can be more fully defined as a structured set of elements to describe an information resource, either physical or digital, and its intellectual property rights. The data elements used should assist in the identification, location and retrieval of information resources by end users and should make it easier to manage content.

Cataloguing has been rebranded!

A metadata record consists of three parts:

- **Administrative metadata** is used for managing the metadata! Without this, the history of the creation, editing and use of the metadata is lost.
- **Technical metadata** records the technical processes used to produce a physical or digital object. Without this, a digital object cannot be recreated, or facilities made available to use a physical resource.
- **Descriptive metadata** enables identification, location and retrieval of information resources by end users. Without this, a resource cannot be retrieved.

Metadata and information professionals

Library, archives and museum professionals have a wealth of experience in cataloguing. The data content standard Anglo American Cataloguing Rules (AACR) was first published in 1967, and the international structure and mark-up standard Machine-Readable Cataloguing Record (MARC) was developed by the Library of Congress in the 1960s, to enable the creation of computer-readable bibliographic records and make it possible to download catalogue records, search across them and reshare information.

In comparison, the first draft of Extensible Mark-up Language (XML), which gives the same functionality, was not published until 1998. The archives profession was an early adopter with the Society of American Archivists publishing Encoded Archival Description (EAD), a profession-specific XML DTD (Document Type Definition), in 1998.

Metadata creation

There are six considerations for planning a successful digital cataloguing project:

1. Metadata structure standards
2. Metadata content standards
3. Mark-up standards
4. Data entry
5. Data storage
6. Data delivery

Metadata projects in Edinburgh University Library

The Library has a number of ongoing or completed digital projects, which use a variety of metadata standards and software solutions. Currently each of these is accessed through separate portals, and include:

- Archival cataloguing: Navigational Aids for the History of Science, Technology and the Environment (NAHSTE), Percy Johnson-Marshall Project
- Image cataloguing: Object Lessons, Charting the Nation
- Bibliographic cataloguing: Edinburgh Research Archive
- Service provision: Exam Papers Online

Collections Gateway

The Collections Gateway Project aims to make all digital collections created by the Library available for federated searching through a single portal, along with the Library Catalogue, remote databases and electronic journals. ENCompass software is being customised and populated to this end, and a Metadata Coordinator has been appointed to facilitate the process.

The Collections Gateway will also act as a portal to digital collections from across the University. The Project is already working with the School of Divinity to include images from the Nepal Church History Project, with the School of Education to include bibliographic records for an important collection of resources collected by the Scottish Traveller Education Programme, and with MALTS to include their videos and associated metadata about Edinburgh.

If you would like to discuss metadata in general, or the inclusion of resources in Collections Gateway, please contact me (tel 506824, email Sarah.Higgins@ed.ac.uk). Further information regarding resources can be found at:

- Dublin Core: <http://dublincore.org/>
- ISAD(G)2: http://www.ica.org/biblio/cds/isad_g_2e.pdf
- VRA Core 3: <http://www.vraweb.org/vracore3.htm>
- AACR2: <http://www.aacr2.org/>
- LCSH: <http://www.loc.gov/cds/lcsh.html>
- UNESCO Thesaurus: <http://www.ulcc.ac.uk/unesco/>
- Navigational Aids for the History of Science, Technology and the Environment (NAHSTE): <http://www.nahste.ac.uk/>
- Percy Johnson-Marshall Project: <http://www.johnson-marshall.lib.ed.ac.uk/>
- Object Lessons: <http://www.objectlessons.lib.ed.ac.uk/>
- Charting the Nation: <http://www.chartingthenation.lib.ed.ac.uk/>
- Edinburgh Research Archive: <http://www.era.lib.ed.ac.uk/dspace/>
- Exam Papers Online: <http://www.lib.ed.ac.uk/resources/collections/exams.shtml>
- Scottish Traveller Education Programme: <http://www.education.ed.ac.uk/step/>

Sarah Higgins (EUL)

New and updated electronic resources

The Library is constantly expanding its range of electronic resources, and a number of new and updated resources are highlighted below. Details of these and others can be found in the 'Resources by subject' pages of *Library Online* at <http://www.lib.ed.ac.uk/resbysub/>

If you have any questions about any of these resources, please *Ask A Librarian!*

General resources

Web of Science backfiles (<http://wok.mimas.ac.uk/>)

The Library has recently bought the pre-1981 backfiles for databases delivered by ISI through Web of Science, funded from the College of Medicine and Veterinary Medicine library budget. The backfiles enhance this well established and heavily used interdisciplinary resource, which encompasses:

- the Arts & Humanities Citation Index from 1975 to present, covering over 1,100 fully indexed journals;
- the Science Citation Index from 1945 to present, covering over 5,700 fully indexed journals;
- the Social Science Citation Index from 1956 to present, covering over 1,700 fully indexed journals.

It is possible to search these indexes separately, or to cross-search two or more simultaneously. These form part of the new ISI Web of Knowledge Service, launched in 2003, which includes the *ISI Proceedings* and the *ISI Journal Citation Reports*. The service is directly accessible on campus, and through Athens authentication off campus. As well as context-sensitive help, there is a range of support and training documentation at <http://wok.mimas.ac.uk/support/>

MIT CogNet (<http://cognet.mit.edu/>)

This is an electronic community for the cognitive and brain sciences, which includes the full text of major reference works and over 250 MIT Press cognitive science books, full text of MIT Press journals in the field of cognitive and brain sciences, and a growing collection of relevant books, journals and reference works from other participating publishers.

SIGLE (<http://arc.uk.ovid.com/>)

'Grey literature' is anything not published commercially—like dissertations, conference papers, government reports, annual reports, *etc.* It is often very difficult to find out about, and usually requires searching many different resources. SIGLE (System for Information on Grey Literature in Europe) is a bibliographic database produced by the collaborative group EAGLE (European Association for Grey Literature Exploitation). SIGLE contains over 364,000 records, with over 40,000 added annually, and is available to University members from the above address (log in through Athens).

The database covers a full range of scientific subjects, including Biology and Medicine, Veterinary Sciences, Agriculture, Psychology, Social Sciences, Health Safety, and Methods and Equipment. It is only updated semi-annually. Coverage is from 1980 to the present. Publications are described using 22 primary subject category codes and 250 secondary subcategories, but these are broad topics, and researchers who are used to detailed controlled thesauri will find them limited.

ZETOC: Electronic Table of Contents from the British Library

The ZETOC service provides Z39.50-compliant access to the British Library's Electronic Table of Contents (ETOC).

The database contains details of approximately 20,000 current journals and 16,000 conference proceedings published per year. With almost 15 million article and conference records, the database covers almost every imaginable subject in science, technology, medicine, engineering, business, law, finance and the humanities. The database covers the years from 1993 to date and is updated daily. A list of journal titles covered by the database is available now, and a table of contents and an article-alerting service will be added soon. The ZETOC home page is at <http://etoc.mimas.ac.uk/>

The list of available journal titles is shown at <http://etoc.mimas.ac.uk/jnllist.html>

An Athens username and password are required for off-campus access; see

<http://www.lib.ed.ac.uk/resources/databases/athens.shtml>

For information on how to access ZETOC using a Z39.50 client such as EndNote, see the Z39.50 Access page at <http://zetoc.mimas.ac.uk/zetoc/z3950.html>



Ask a Librarian

This is the Library's online help system, in which staff and students of the University can send in questions. See <http://www.lib.ed.ac.uk/qp/ask.html>

Resources of interest to Humanities and Social Science

For further information on the following resources, please contact: Frances Abercromby (F.Abercromby@ed.ac.uk),
Denny Colledge (Denny.Colledge@ed.ac.uk),
Eileen Dickson (Eileen.Dickson@ed.ac.uk),
Liz J. Stevenson (E.J.Stevenson@ed.ac.uk),
Shenxiao Tong (Shenxiao.Tong@ed.ac.uk)

AMICO (<http://www.lib.ed.ac.uk/resources/databases/findlita.shtml#a>)

The AMICO Library is a growing collection of digital multimedia documenting works of art in the collections of AMICO members. Our access to the AMICO library uses Luna Imaging's Insight software, which provides tools for working with images.

This resource is available from Cartography Associates (username and password required for off-campus access), through *Library Online*.

Business Source Premier (<http://www.lib.ed.ac.uk/resources/databases/findlita.shtml#b>)

This is the world's largest full-text business and management database, providing full-text coverage of more than 3,600 scholarly journals, including more than 1,050 peer-reviewed journals. In addition, it provides indexing and abstracts for more than 4,450 journals, and includes other sources of full-text information such as country reports and company profiles for the world's 10,000 largest companies. It is updated daily.

The Dictionary of the Scots Language (DSL) (<http://www.dsl.ac.uk/dsl/>)

The DSL comprises electronic editions of the two major historical dictionaries of the Scots language: the *Dictionary of the Older Scottish Tongue (DOST)* and the *Scottish National Dictionary (SND)*. *DOST* contains information about Scots words in use from the twelfth to the end of the seventeenth centuries (Older Scots). *SND* contains information about Scots words in use from the eighteenth century to the present day (modern Scots).

The French Review (<http://uk.jstor.org/jstor/>)

This is the official journal of the American Association of Teachers of French, and has the largest circulation of any scholarly journal of French studies. The *Review* publishes articles and reviews on French and francophone literature, cinema, society and culture, linguistics, technology, and pedagogy. There are six issues a year. The journal is accessible through our Catalogue, currently from 1927 to 1998 or via JSTOR, through *Library Online*.

Music electronic journal collection (<http://uk.jstor.org/jstor/>)

This collection of 31 music journals is available through JSTOR. It includes, for example, *American Music*, *Cambridge Opera Journal*, *Ethnomusicology*, *Journal of Music Theory* and *Music Theory Spectrum*.

Oxford Scholarship Online

(<http://www.oxfordscholarship.com/oso/public/>)

This is a full-text database which contains over 700 scholarly books published by Oxford University Press in the social sciences and humanities. At least 200 new titles are added each year. The database currently has four modules:

- Philosophy
- Religion and Theology
- Political Science
- Economics and Finance

Works within these subjects are searchable by keyword, title, author, or ISBN. Access on campus is IP-validated, otherwise Athens authorisation is required. Titles for individual works will be added to the Catalogue in due course.

JSTOR ...

... is a full-text journal archive service providing access to complete



back runs of over 300 scholarly journals in the JSTOR Arts and Sciences I, II and III Collections and the General Science Collection. Recent volumes—usually for the last 3–5 years—are excluded, but each year a further year is added to the archive.

See <http://uk.jstor.org/>

Resources of interest to Medicine and Veterinary Medicine

For further information on the following resources, please contact: Irene McGowan (Irene.McGowan@ed.ac.uk),
Marshall Dozier (M.Dozier@ed.ac.uk),
Fiona Brown (Fiona.Brown@ed.ac.uk).

Links to open-access journals at Ovid Gateway

The bibliographic databases available from the Ovid Gateway (<http://gateway.ovid.com/athens/>) now have links to full-text journal articles available through PubMed Central and HighWire. PubMed Central includes PLoS Biology, titles published by BioMedCentral, and articles deposited at PubMed Central by participating publishers (see <http://www.pubmedcentral.nih.gov/> for details). HighWire Press offers access to a large archive of full-text articles in biomedicine, though many key journals have an embargo on recent issues (see <http://highwire.stanford.edu/lists/freeart.dtl> for details).

Images MD (<http://www.imagesmd.com/>)

Images MD has over 50,000 medical images from more than 90 collections and 2,000 contributors. The range of material in **Images.MD** continues to grow.

Recently updated subjects include:

- Osteoporosis
- Interventional Cardiology

Also added are several hundred new entries across the entire library of images. As always, full-collection subscribers have access to all previous and new material for use in research, presentations and lectures.

NHS elibrary (<http://www.elib.scot.nhs.uk/>)

The new look for this resource for the NHS in Scotland went live on 1st May. The relaunched e-Library will be three new Managed Knowledge Network Portals for Cancer, Coronary Care and Mental Health. These portals will provide easy access to evaluated subject-specific information, sources, services and learning resources.

The NHS elibrary is an online resource for the staff of the NHS in Scotland and for medical staff and students engaged in clinical work and training. It gives access to over 4,000 full-text journals and over 20 subscription databases such as Medline, Embase and MD Consult.

AMED (<http://gateway.ovid.com/athens/>)

The **Alternative and complementary Medicine** database, created by the British Library, is available to both NHS and University users from the address above (log in with your Athens username and password).

Over 100,000 records cover subjects including acupuncture, homeopathy, palliative care, Chinese medicine, hospice care, physiotherapy, chiropractic, hypnosis, podiatry, herbalism, occupational therapy, rehabilitation, holistic treatments and osteopathy. Controlled thesaurus terms (based on MeSH) are used for consistent description of records, facilitating sensitive searches.

AMED is only updated quarterly. Not all subjects have been covered since 1985: palliative care is since 1997, speech and language therapy since 1999. Otherwise coverage is from 1985 to the present. The number of journals indexed is nearly 600 (mostly European).

Vetstream available online

Vetstream is providing all veterinary students and staff at the Royal (Dick) School of Veterinary Studies with access to their Internet services free of charge. Vetstream is a leading provider of clinical information to the global veterinary market. Its services give instant access to a large electronic source of regularly updated veterinary information and images. The content of Vetstream's comprehensive encyclopaedic resources has been supplied and peer-reviewed by 300 of the world's leading clinicians. The available modules are: Vetstream Canis, Vetstream Felis, Vetstream Equis and Vetstream Lapis.

Users need to register to use this service: click on the 'register' link at http://www.vetstream.co.uk/v2000/educational_program.htm

Proceedings of the 49th Annual American Association of Equine Practitioners Convention

IVIS (the International Veterinary Information Service) is a veterinary information website available to students, practitioners, clinicians and other members of the animal health care sector. The website (at <http://www.ivis.org/>) provides free access to original clinical reviews and updates, including books on a wide variety of veterinary topics. Registration is required and is free.

The full-text proceedings of the 49th Annual AAEP (American Association of Equine Practitioners) Convention are now available in the IVIS website. Users are not required to register to use the AAEP proceedings, which are at <http://www.ivis.org/proceedings/aaep/2003/toc.asp>

Wildpro Module on Chronic Wasting Disease (<http://institution.wildlifeinformation.org/>)

Wildpro is an electronic encyclopaedia providing information on captive and free-ranging wild animals. It has recently added a new volume on Chronic Wasting Disease (CWD) in deer. CWD is one of the transmissible spongiform encephalopathy (TSE) diseases which include scrapie in sheep, BSE in cattle and Creutzfeldt-Jakob disease in humans.

Detailed disease descriptions and recommended management techniques are enhanced by technical summaries and comparisons with the other TSE diseases, videos, photographs and cross-references to external documents. Information is peer-reviewed by CWD experts and fully referenced.

Resources of interest to Science and Engineering

For further information on these resources, please contact: Richard Battersby (R.Battersby@ed.ac.uk),
David Carroll (D.Carroll@ed.ac.uk),
Nancy Sprague (Nancy.Sprague@ed.ac.uk)

Compendex (<http://www.engineeringvillage2.org/>)

Covering the world's significant engineering and technological literature, the Compendex database is now available via the EV2 (Engineering Village 2) interface. EV2 provides full-text links, allowing the full-text article to be retrieved directly if the journal is available online. Links to the Library's online catalogue are also available for details of the Library's print holdings. On-campus access does not require a username & password but off-campus access continues to be by Athens username & password. Cross-searching Compendex and INSPEC (*see below*) is available via the EV2 interface. By setting up a personal account, users can save search strategies and can arrange to receive email alerts for updates to the literature on their chosen subject.

INSPEC

INSPEC—a key database for research information in physics, electrical engineering, computing and information technology—now provides direct links to articles available online. Links are also available from records in INSPEC to the Collections Gateway and the Library Catalogue. Users can set up email alerts in INSPEC so they can be notified of new articles published in their research field. The database is updated weekly.

Remote access to INSPEC is available using an Athens username & password, at <http://www.engineeringvillage2.org/>

SciFinder Scholar 2004: software now available for downloading

SciFinder Scholar provides online access to chemical literature from 1908 to the present, with links to full-text articles when available. Access is available from Library computers in the Science & Engineering Libraries, or can be obtained by installing the SciFinder client software on your computer (Mac or Windows). Instructions for downloading and installing SciFinder Scholar 2004 are provided at <http://www.lib.ed.ac.uk/resbysub/scifinder.shtml>

The Library currently has a five-user licence for SciFinder Scholar. Further information is available at <http://www.cas.org/SCIFINDER/SCHOLAR/>

British Standards Online (<http://bsonline.techindex.co.uk/>)

The full-text of the complete set of British Standards is available online, access being by Athens username & password, as with many of the other online services provided by the Library. The database includes over 39,000 current, draft and historic British Standards, more than 16,000 of which are BSI adopted European and International Standards (ISO). An email alert service is available to track any changes in selected current Standards.

IEE/IEEE Electronic Library—IEL (<http://ieeexplore.ieee.org/>)

IEL provides full-text access to all IEEE and IEE transactions, journals, magazines and conference proceedings published since 1988, plus selected content back to 1950, and all current IEEE Standards.

IEL is available on campus without a username and password. The username and password for off-campus access is available at <http://www.lib.ed.ac.uk/secure/accounts.html>

Safari Bookshelf

Safari bookshelf is an electronic reference library for programmers and IT professionals. It allows you to search the electronic versions of a broad range of the best technical books from leading publishers simultaneously, and download chapters for convenient offline viewing.

Following a very successful trial last year, the University now has a subscription to a total of 39 full-text titles from a number of publishers, including O'Reilly, Addison-Wesley, Que, Prentice-Hall and Sams. These include the *Absolute Beginner's Guide to Programming*, *Java in a Nutshell*, *Learning XML* and *Programming Perl*.

Safari is available:

- on-campus (no username and password required) at <http://proquest.safaribooksonline.com/?uicode=Edinburgh>
- off-campus via the University's Proxy Cache Service; universal username and password are required: see <http://webhelp.ucs.ed.ac.uk/docs/proxycache.html>

Select **Bookshelf** on the Safari homepage to browse the list of available books, or use the search box to look for keywords. Click on the **My Books** button to limit your search to the 39 subscribed titles.

Please note that our current subscription is limited to six concurrent users.

Royal Society of Chemistry's Journals Archive

Online access to the Royal Society of Chemistry's Journals Archive has recently been set up by the Library. This Archive includes the full text of all articles published by the RSC from 1841 to 1996. Articles published from 1997 onwards are available separately. The complete publishing history of the RSC is now available electronically. Links to the RSC online journals are provided in the Library Catalogue. Further details about the Archive, including the list of titles, are available at <http://www.rsc.org/archive/>

Frances Abercromby (Librarian, College of Humanities & Social Science)

Richard Battersby (Librarian, College of Science & Engineering)

Irene McGowan, Librarian (College of Medicine and Veterinary Medicine)

eProcurement news**1. Edinburgh leads the way**

Liz Welch, Assistant Director of Finance, and Karen Bowman, Director of Procurement, have been invited to join the UK HE eProcurement Group (ePG), and to make a presentation on the University's eProcurement strategy and our progress so far. We are well ahead of many institutions who have yet to articulate an eProcurement strategy, so this is an opportunity to share what we have learned.

2. SciQuest moving on

The upgrade/transfer to version v3 is planned, and a training

programme agreed for existing pilot Schools during June. A roll-out plan will be prepared after testing with those familiar with the marketplace.

Schools which buy laboratory supplies are asked to nominate a **lead contact**—who may have a background in administration, stores, accounts, technical support or academic management, and who is familiar with the current workflow in buying lab consumables in your School, from sourcing/requisitioning to order approval.

To find out more please email Margaret.Lochhead@ed.ac.uk.

3. eFinancials moving onto eProcurement and HEeP

We plan to offer other major non-lab suppliers a University eProcurement route, using an HE sector specific (HEeP) link with suppliers who develop an interface. A project plan will be drawn up during June/July, taking account of volumes of low-value orders, as it is these that benefit most from eProcurement. If your School issues a large number of low-value orders and is interested to know more, please contact Karen.Bowman@ed.ac.uk.

Karen Bowman (Procurement)

Eldas puts Scotland in front

Scotland leads the world in Grid-based data management with Enterprise Level Data Access Services—Eldas.

Edikt—the e-Science Data, Information & Knowledge Transformation centre—has produced the first software to use the Grid to extract information from incompatible, distributed databases.

‘The Grid’ is analogous to the electrical grid, and is working towards providing on-demand computing so that anyone, anywhere, can access whatever computing power and data they need, simply by ‘plugging in’.

Grid computing has emerged as a major development in recent years. The UK government is investing £250 million over five years in the development of Grid technology, and the United States is investing over \$500 million in 2004 alone.

Building the infrastructure to support this vision is a complex problem, requiring several coordinating bodies and international collaboration. In recent years, Scotland has emerged as a world leader, providing *de facto* standards in data access and integration.

The launch of **Eldas 2.0** highlights Scotland’s position as a world leader in developing high-technology data management.

Eldas overcomes many of the problems of access and integration that arise when using heterogeneous, distributed data. Data integration projects that currently take months or years can be compressed to a fraction of the time and cost.

It therefore has immense potential for both the e-Science

and commercial communities. For example:

- Astronomers can now combine data from infra-red, ultra-violet and radio scanners to paint a complete picture of the Universe.
- Financial analysts can integrate data from a bank’s mortgages and loans department with credit ratings from a newly-acquired division.

Eldas is the first bridge between the Grid for science and the Grid for business. It delivers vendor-neutral data access and integration services in an easy-to-install package. It gives Scottish business and science the opportunity to leapfrog their competitors by transforming their ability to extract and analyse data from across their organisation.

Edikt is a collaboration between the University of Edinburgh and the University of Glasgow, and works closely with EPCC and the National e-Science Centre. Grid-based data access was pioneered by EPCC at the University of Edinburgh.

The first release of **Eldas**—in January 2004—was based upon the Globus Alliance’s Open Grid Services Infrastructure (OGSI). The second release of **Eldas**—due in the Autumn—will support Globus’ Web Services Resource Framework (WSRF) and will be the first such implementation in the world.

Eldas is released under a freeware licence, allowing unrestricted academic use; commercial exploitation must be authorised. If you are interested in finding out more, you can get further information and download the software itself at <http://www.edikt.org/eldas/>

Charles Gadalla (edikt)

IT Consultation

The Information Services Group and the Corporate Services Group are initiating a round of consultations with Schools and Colleges over future IT policies and directions.

A meeting will be held with each College, to which representatives from each School will be invited, at the end of June.

Helen Hayes (ISG)

Nigel Paul (CSG)

STOP PRESS, 31st May

Elsevier has announced its support for ‘self-archiving’. Authors will be permitted to post their own version of a final paper on their own website, and on their institution’s website—including an institutional repository such as ERA (see page 3). More information will be provided in due course.

Liz G. Stevenson (EUL)

EDINBURGH BITS

Editor:

Nick Stroud, Computing Services.

Published by:

Computing Services
The University of Edinburgh
for the Edinburgh IT community.

Contributions:

Email: BITS@ed.ac.uk
Telephone: 0131 650 3345

Distribution queries:

BITS is distributed through School offices; secretaries please notify changes in requirements to Tricia Cairney:
Email: T.Cairney@ed.ac.uk
Telephone: 0131 650 4931

Printed by:

University of Edinburgh Printing Services
<http://www.printing.ed.ac.uk/>

BITS on the Web:

<http://www.ucs.ed.ac.uk/bits/>

Some acronyms explained:

<http://www.ucs.ed.ac.uk/ucsinfo/acronyms.html>

NB: if you fail to access a URL shown in *BITS*, please email BITS@ed.ac.uk.

Contributions to *BITS* are welcomed.

Copy deadline for July *BITS*:

Monday 14th June